



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Babicki et al.

Application No. 10/021,751

Filed: December 11, 2001

Confirmation No. 6240

For: PSA WITH ADSORBENTS SENSITIVE  
TO CONTAMINANTS

Examiner: Frank M. Lawrence, Jr.

Art Unit: 1724

Attorney Reference No. 6454-61583

## CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)Date Mailed May 14, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**AMENDMENT, REQUEST AND FEE ADDING PERSON WHO IS AN  
INVENTOR OF THE INVENTION NOW BEING CLAIMED - NONPROVISIONAL  
APPLICATION - (37 C.F.R. § 1.48(C))**

Applicants file this amendment and request under 37 C.F.R. § 1.48(c) to add Sean M.A. Smallman as an inventor of the subject matter now being claimed in the referenced application.

Applicants received a Notice of Allowance for this application dated March 29, 2004. Upon receipt of the Notice, applicants carefully reviewed the allowed claims, and determined that Mr. Smallman's contributions to the described technology currently are being claimed as a result of new claims added during prosecution.

QuestAir Technologies Inc. and BOC Group, Inc., assignees of the entire right, title and interest in and to the present application, consent to the addition of Mr. Smallman, as indicated by the attached documents.

Respectfully submitted,  
KLARQUIST SPARKMAN, LLP

By   
Stacey C. Slater  
Registration No. 36,011

05/18/2004 CCHAU1 00000018 10021751

01 FC:1460

130.00 OP

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446



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Attorney  
for Applicant(s)

Date Mailed

*Sean C. Smallman*  
*May 14, 2004*

**STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED BY  
PETITION TO CHANGE INVENTORSHIP (37 C.F.R. § 1.48(C))**

I, Sean M.A. Smallman, do hereby declare that I should be named as an inventor for subject matter claimed in the referenced application. Claims reciting my contribution to the technology were added to the application after its filing date. I further declare that the failure to include my name as an inventor on the application as initially filed occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sean M.A. Smallman

Signature:

Date:

Witnessed By:



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled PSA WITH ADSORBENTS SENSITIVE TO CONTAMINANTS, the specification of which was filed on December 11, 2001 as United States Patent Application No. 10/021,751.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications(s) on which priority is claimed:

Number	Country	Day/Month/Year Filed	Claim Priority?
2,329,475	Canada	12/11/00	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Filing Date	Status: patented, pending, abandoned

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

### Customer Number 24197

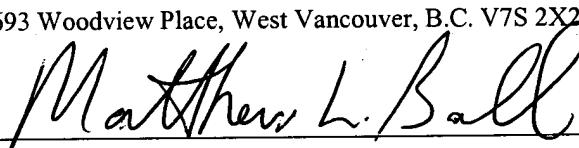
I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Combined Declaration and Power of Attorney any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for submitting this document.

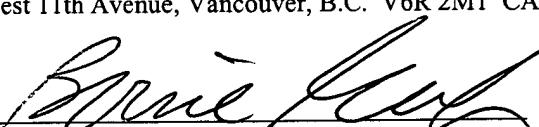
Address all telephone calls to Stacey C. Slater at telephone number (503) 226-7391.

Address all correspondence to the address associated with **Customer Number 24197**, which address is:

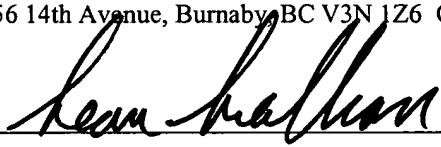
Klarquist Sparkman, LLP  
121 S.W. Salmon Street, Suite 1600  
Portland, OR 97204

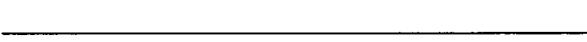
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

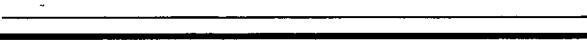
Name of First or Sole Inventor:	Matthew L. Babicki
Residence:	West Vancouver, CANADA
Mailing Address:	4693 Woodview Place, West Vancouver, B.C. V7S 2X2 CANADA
Citizenship:	Canada
Inventor's Signature	
Date	May 6/04

Name of Second Inventor:	Bowie G. Keefer
Residence:	Vancouver, CANADA
Mailing Address:	4324 West 11th Avenue, Vancouver, B.C. V6R 2M1 CANADA
Citizenship:	Canada
Inventor's Signature	
Date	6 May 04

<b>Name of Third Inventor:</b>	Andrea C. Gibbs
<b>Residence:</b>	Burnaby, CANADA
<b>Mailing Address:</b>	#701 - 4288 Grange Street, Burnaby, B.C. V5H 1P2 CANADA
<b>Citizenship:</b>	Canada
<b>Inventor's Signature</b>	
	Date <u>6th May, 2004</u>

<b>Name of Sixth Inventor:</b>	Sean M.A. Smallman
<b>Residence:</b>	Burnaby, CANADA
<b>Mailing Address:</b>	7356 14th Avenue, Burnaby, BC V3N 1Z6 CANADA
<b>Citizenship:</b>	Canada
<b>Inventor's Signature</b>	
	Date <u>Apr. 28, 2004</u>

<b>Name of Fourth Inventor:</b>	Alberto I. LaCava
<b>Residence:</b>	Easton, PA
<b>Mailing Address:</b>	1829 Chianti Court, Easton, PA 18045
<b>Citizenship:</b>	United States of America
<b>Inventor's Signature</b>	
	Date _____

<b>Name of Fifth Inventor:</b>	Frank R. Fitch
<b>Residence:</b>	Bedminster, NJ
<b>Mailing Address:</b>	58 Edgewood Road, Bedminster, NJ 07921
<b>Citizenship:</b>	United States of America
<b>Inventor's Signature</b>	
	Date _____



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My residence, post office address and citizenship are as stated below next to my name.

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Portland, OR 97204

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**Residence:** West Vancouver, CANADA

**Mailing Address:** 4693 Woodview Place, West Vancouver, B.C. V7S 2X2 CANADA

**Citizenship:** Canada

**Inventor's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**Name of Second Inventor:** Bowie G. Keefer

**Residence:** Vancouver, CANADA

**Mailing Address:** 4324 West 11th Avenue, Vancouver, B.C. V6R 2M1 CANADA

**Citizenship:** Canada

**Inventor's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**Name of Third Inventor:** Andrea C. Gibbs  
**Residence:** Burnaby, CANADA  
**Mailing Address:** #701 - 4288 Grange Street, Burnaby, B.C. V5H 1P2 CANADA  
**Citizenship:** Canada

**Inventor's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**Name of Sixth Inventor:** Sean M.A. Smallman  
**Residence:** Burnaby, CANADA  
**Mailing Address:** 7356 14th Avenue, Burnaby, BC V3N 1Z6 CANADA  
**Citizenship:** Canada

**Inventor's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**Name of Fourth Inventor:** Alberto I. LaCava  
**Residence:** Easton, PA  
**Mailing Address:** 1829 Chianti Court, Easton, PA 18045  
**Citizenship:** United States of America

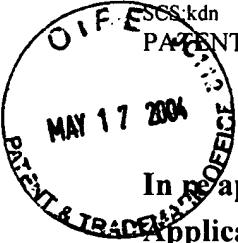
**Inventor's Signature** Alberto I. La Cava

**Date** May 4<sup>th</sup>, 2004

**Name of Fifth Inventor:** Frank R. Fitch  
**Residence:** Bedminster, NJ  
**Mailing Address:** 58 Edgewood Road, Bedminster, NJ 07921  
**Citizenship:** United States of America

**Inventor's Signature** Frank R. Fitch

**Date** May 3<sup>rd</sup>, 2004



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Art Unit: 1724

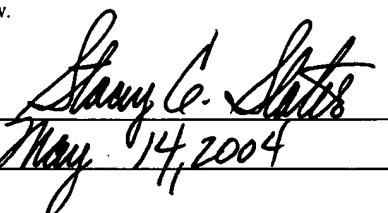
Attorney Reference No. 6454-61583

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Attorney  
for Applicant(s)

Date Mailed

  
May 14, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

## CONSENT OF ASSIGNEE TO ADDITION OF INVENTOR

QUESTAIR TECHNOLOGIES INC.  
6961 RUSSELL AVENUE  
BURNABY, BC V5J 4R8 CANADA

QuestAir Technologies Inc. and The BOC Group, Inc. are the assignees of the entire right, title and interest in and to the referenced application.

QuestAir Technologies Inc. is an assignee for the referenced application by the Assignment filed with the Patent Office on March 29, 2002, Reel No. 012738, Frame Nos. 0608-0610. Furthermore, an assignment of Sean Smallman's right, title and interest in and to said invention, along with Mr. Smallman's U.S. and foreign patent rights, is attached hereto.

QuestAir Technologies Inc. hereby consents to the correction of inventorship filed herewith for the referenced application.

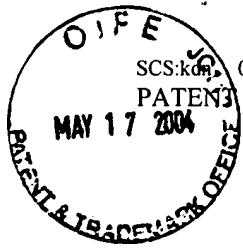
The undersigned is authorized to act on behalf of the assignee.

QUESTAIR TECHNOLOGIES INC.

  
Edward J. Rode

V. P. of Advanced Development  
Title

May 6th, 2004.  
Date



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Attorney  
for Applicant(s)

Date Mailed

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P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**CONSENT OF ASSIGNEE TO ADDITION OF INVENTOR**

THE BOC GROUP, INC.  
575 MOUNTAIN AVENUE, MURRAY HILL  
NEW PROVIDENCE, NJ 07974

The BOC Group, Inc. (BOC) and QuestAir Technologies Inc. are the assignees of the entire right, title and interest in and to the referenced application.

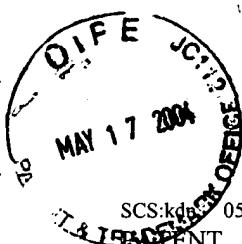
BOC is an assignee for the referenced application by the Assignment filed with the Patent Office on February 18, 2004, Reel No. 014348, Frame Nos. 0446-0448.

BOC hereby consents to the correction of inventorship filed herewith for the referenced application.

The undersigned is authorized to act on behalf of BOC.

THE BOC GROUP, INC.

  
Signature  
Title  
Date



SCS:kdp 05/14/04 272602.doc

JKW/B  
1724

Attorney Reference Number 6454-61583  
Application Number 10/021,751

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Attorney  
for Applicant(s)

Date Mailed May 14, 2004

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P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- Amendment, Request and Fee Adding Person Who is an Inventor of the Invention Now Being Claimed - Nonprovisional Application - (37 C.F.R. § 1.48(C)).
  - \$130.00 fee under 37 C.F.R. § 1.17(i) is enclosed herewith.
- Statement of Non-Deceptive Intent by Person Being Added by Petition to Change Inventorship (37 C.F.R. § 1.48(C)).
- Combined Declaration and Power of Attorney (*two signed originals*).
- Consent of Assignee to Addition of Inventor (QuestAir Technologies Inc.).
- Consent of Assignee to Addition of Inventor (BOC Group, Inc.).
- Assignment (\$40.00 recordal fee is enclosed).
- A check in the amount of \$170.00 to cover the above-listed fees.

- The Director is hereby authorized to charge any additional fees that may be required, or credit over-payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By



Stacey C. Slater

Registration No. 36,011

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
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Facsimile: (503) 228-9446

cc: Docketing